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TITLE: MECHANICAL ACTUATOR INCLUDING A HELICAL-CAM NUT

PRELIMINARY AMENDMENT

Commissioner for Patents
P. O. Box 1450
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Preliminary Amendment: SPECIFICATION AMENDMENTS

In Paragraphs [0029] to [0042], please amend the paragraphs as follows:

[0029] Figure 2 is a schematic view of a diagram representing a prestressed ball;

[0030] Figure 3 is a perspective view of a cam constituting the nut;

[0031] Figure 4 is a schematic view of a diagram representing a step of generating a helical cam surface;

[0032] Figure 5 is a another schematic view of a diagram representing the positioning of two cams with respect to each other on the driving shaft of the actuator;

[0033] Figure 6 schematically shows a partial schematic and sectional view of the positioning of two pairs of cams with respect to each other, in which the ball re-circulation zones are regularly distributed around the driving shaft;

[0034] Figure 7 shows a partial perspective view of an example of inner surface of the tubular body having ball-races formed by a wire wound into a spiral;

[0035] Figures 8 and 9 schematically show perspective and sectional views of ball-races formed by a first wound wire and a intermediate second wire arranged between the windings of the first wire;

[0036] Figure 10 schematically shows a sectional view of ball-races formed by plastic distortion of an inner tube arranged in the tubular body;

[0037] Figure 11 schematically shows a partial perspective view of a step of welding of the inner tube in the tubular body;

[0038] Figure 12 shows a longitudinal cross-sectional view of an actuator structure of a telescopic type;

[0039] Figure 13 shows another sectional view of the actuator of figure 12 in unfolded position;

[0040] Figure 14 schematically shows a schematic view of the positioning of a ball resting between the nut and a ball-race;

[0041] Figure 15 is a cross-sectional and perspective view of the balls when they arrive in a re-circulation zone;

[0042] Figure 16 is a schematic view of a diagram representing the positioning of two cams with respect to each other.